

Report Date: 22 Jan 2016
Summary Report for Crew Drill Drill Task
Drill Number: 07-5-D9438
Drill Title: Load the 25-mm Ammunition Ready Box
Status: Approved
Status Date: 31 Jul 2013

Distribution Restriction: Approved for public release; distribution is unlimited.

Destruction Notice: None

Foreign Disclosure: FD1 - This training product has been reviewed by the training developers in coordination with the MCOE G2 foreign disclosure officer. This training product can be used to instruct international military students from all approved countries without restrictions.

Drill Data

Proponent: 07 - Infantry (Collective)

Drill Type: Crew Drill

Approved: 31 Jul 2013

Obsolete:

Restricted Read: No

Route To TMD Reviewer: No

TMD Concurrence:

TMD Comments:

Safety Level: Low

Conditions:

Your squad is conducting the initial loading or re-loading when the low ammunition light comes on. The Bradley Fighting Vehicle (BFV) has the ramp up, master power ON, and 300 rounds of 25-mm ammunition in 30-round boxes stored in accordance with (IAW) the load plan (25-mm high explosive [HE] or armor piercing [AP]). Some iterations of this task should be performed in MOPP 4.

Standards:

The crew and fire team identifies, inspects, cleans, and loads rounds in the HE and AP ammunition cans without causing damage to the equipment or injury to Soldiers.

Drill Statements:

DANGER	
NONE	
WARNING	
NONE	
CAUTION	
NONE	

Safety: In a training environment, leaders must perform a risk assessment in accordance with ATP 5-19, Risk Management. Leaders will complete the current Deliberate Risk Assessment Worksheet in accordance with the TRADOC Safety Officer during the planning and completion of each task and sub-task by assessing mission, enemy, terrain and weather, troops and support available-time available and civil considerations, (METT-TC). Note: During MOPP training, leaders must ensure personnel are monitored for potential heat injury. Local policies and procedures must be followed during times of increased heat category in order to avoid heat related injury. Consider the MOPP work/rest cycles and water replacement guidelines IAW FM 3-11.4, Multiservice Tactics, Techniques, and Procedures for Nuclear, Biological, and Chemical (NBC) Protection, FM 3-11.5, Multiservice Tactics, Techniques, and Procedures for Chemical, Biological, Radiological, and Nuclear Decontamination. (Safety First)

Environment: Environmental protection is not just the law but the right thing to do. It is a continual process and starts with deliberate planning. Always be alert to ways to protect our environment during training and missions. In doing so, you will contribute to the sustainment of our training resources while protecting people and the environment from harmful effects. Refer to FM 3-34.5 Environmental Considerations and GTA 05-08-002 ENVIRONMENTAL-RELATED RISK ASSESSMENT. Environmental protection is not just the law but the right thing to do. It is a continual process and starts with deliberate planning. Always be alert to ways to protect our environment during training and missions. In doing so, you will contribute to the sustainment of our training resources while protecting people and the environment from harmful effects. Refer to FM 3-34.5 Environmental Considerations and GTA 05-08-002 ENVIRONMENTAL-RELATED RISK ASSESSMENT

Cue: This drill begins when the low ammunition light comes on, or the leader directs his crew to conduct the drill.

Note:

Coaching Point: NONE

TASK STEPS

1. Load the 25-mm HE ammunition.

a. Gunner moves the turret to HE load (2,150 mils) and announces when he sets the turret travel lock.

b. Bradley commander--

(1) Ensures the turret drive system is turned off before the turret shield door is opened.

(2) Instructs the driver to lower the ramp. Bradley commander announces, "UPLOAD HE READY BOX."

(3) Sets the turret driver switch to the OFF position.

c. Fire team member sitting in the No. 9 seat performs the duties of the loader. This responsibility should be cross-trained within the squad/fire team.

(1) Opens the turret shield door.

(2) Opens and removes the door from the HE ammunition can.

(3) Stows squad seat and removes the floor plates.

(4) Prepares the HE ammunition for loading.

(a) Unstow the HE ammunition.

(b) Conducts a quick visual inspection to ensure it is serviceable, clean, and aligned.

(c) Joins 15-round ammunition belts and load 30 rounds at a time until there are 230 rounds loaded into the HE ammunition-ready can, if loading an empty can.

(d) Checks to see how many rounds are remaining in the ammunition can, if reloading.

(e) Ensures that there is a single empty link at the end of the ammunition belt.

(f) Loads the ammunition belt with the links on the top and the rounds pointed to the right of the vehicle.

(g) Counts the rounds as they are loaded.

(5) Loads the first 44 rounds in the ammunition can.

(6) Turns the ammunition belt over so that the links are on top. Rounds should point to the right of the vehicle.

(7) Counts the 5th and 19th rounds. Feeds the ammunition belt with the double links first into the ammunition can. Hangs the first five rounds on the loading rail. Hangs the 19th round on the loading rail.

(8) Counts the next 25 rounds. Hangs both the 24th and 25th rounds on the loading rail.

d. Gunner--

(1) Forwards the rounds with the 14-mm ratchet wrench.

(2) Locks the upper roller.

e. Fire team member--

(1) Loads the remainder of the rounds in the ammunition can.

(2) Hangs every 24th and 25th round.

f. Gunner lifts the ammunition belt loops over the baffles.

g. Fire team member--

(1) Installs and closes the HE ammunition can door.

(2) Ensures the HE-AP selector switch are set to HE.

(3) Closes the turret shield door and taps on the shield door and announces, "HE UPLOADED."

(4) Stows empty ammunition boxes.

(5) Replaces floor plates and unstow seat.

2. Load the 25-mm AP ammunition.

a. Gunner moves the turret to AP load (4,350 mils). Announces when he sets the turret travel lock.

b. Bradley commander--

(1) Ensures the turret drive system is turned off before the turret shield door is opened.

(2) Instructs the driver to lower the ramp. Announces, "UPLOAD AP READY BOX."

(3) Sets the turret drive switch to the OFF position.

Note: In the absence of a fire team member, the BC performs the following duties.

c. Fire team member sitting in the No. 9 seat performs the duties of the loader. This responsibility should be cross-trained within the fire team.

(1) Opens the turret shield door.

(2) Opens and removes the door from the AP ammunition can.

(3) Stows squad seat and removes the floor plates.

(4) Prepares the AP ammunition for loading.

(a) Unstow the AP ammunition.

(b) Conducts a quick visual inspection to ensure it is serviceable, clean, and aligned.

(c) If loading an empty can, joins and loads the ammunition in 30-round belts until 70 rounds are loaded into the AP ammunition can.

(d) Checks to see how many rounds are remaining in the ammunition can, if reloading.

(e) Ensures there is a single empty link at the end of the ammunition belt.

(5) Counts the first 26 rounds. Hangs the first round onto the load rail, and then hangs the 25th and 26th rounds onto the loading rail.

(6) Lifts the single linked end of the ammunition belt up into the forwarder. Pushes the last round until it is engaged in the sprocket.

d. Gunner--

(1) Releases the roller to the rear of the ammunition can.

(2) Forwards the rounds with the 14-mm ratchet wrench.

(3) Locks the upper roller.

e. Fire team member--

(1) Installs and closes the AP ammunition can door.

(2) Ensures the HE-AP selector switch is set to AP.

(3) Closes the turret shield door, taps on the shield door, and announces, "AP UPLOADED."

(4) Stows empty ammunition boxes.

(5) Replaces floor plates and unstows squad seats.

(Asterisks indicates a leader performance step.)

TASK MEASURES

1. Loaded the 25-mm HE ammunition.
 2. Loaded the 25-mm AP ammunition.
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Talk:

a.Orientation: a. Orientation. The objective of this crew drill is to provide the crew with the basic skills necessary to load the 25-mm ready box in an efficient manner as a team.

- b.Safety:** 1. Ensure that all hatches are closed when traversing the turret.
2. Ensure that the turret weapons are kept pointed in the primary direction of fire.
3. Ensure that the bolt and bolt-position indicator is in the SEAR position.
4. Ensure that the manual safe handle is in SAFE position.

c.Demonstration: c. Demonstration (optional). If another crew has successfully performed this drill, have that crew demonstrate it. During the demonstration, explain what is being done and why, using the performance measures as a guide. After the demonstration, summarize the actions performed by the demonstrating crew.

- d.Explanation:** (1) Refer to the performance measures and explain what the vehicle commander, gunner, and driver is required to do when the low ammunition light comes on, or the leader directs his crew to conduct the drill.
(2) Ensure that the leaders and crew know their duties and responsibilities pertaining to each portion of the drill.
(3) Ask if there are any questions pertaining to the drill. If so, ensure that all questions are correctly answered before beginning to train the drill.

e.Unit Instructions: All crew members are in their assigned seat IAW unit SOP.

Walk:

- 1 Refer to the performance measures and have each squad member perform his part slowly at first as the leader talks him through.
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Run:

a.Run-Through Instructions: The soldiers should practice this drill until they can perform it according to standard, without using notes. The initial run-through exercise should be conducted slowly. The soldiers should change positions in order to learn all steps and standards.

b.Coaching Point: NONE

c.Performance Instructions: When the soldiers can perform this drill according to the standard, they should be evaluated by the platoon leader or sergeant.

Equipment (LIN)

Step ID	LIN	Nomenclature	Qty
No equipment specified			

Materiel Items (NSN)

Step ID	NSN	LIN	Title	Qty
No materiel items specified				

Support Personnel

Personnel Type	Description	School	Qty	Remarks
No support personnel specified				

TADSS

Step ID	TADSS ID	Title	Product Type	Qty
	071-1	Bradley M2/M3A2 ODS COFT (Local TADSS – Not in TSMATS)	SIM	1
	1090000 (AB-FIST)	ADVANCE BRADLEY FULLCREW INTERACTIVE SKILLS TRAINER (Local TADSS – Not in TSMATS/PAM 25-30)	SIM	1
	BFV UCFT	BRADLEY FIGHTING VEHICLE, UNIT CONDUCT OF FIRE TRA (Local TADSS – Not in TSMATS/PAM 25-30)	TA	1
	DVC 07-170	M2A2/M3A2 Bradley Fighting Vehicle (BFV) Institutional-Conduct Of Fire Trainer (I- COFT) (Local TADSS – Not in TSMATS/PAM 25-30)	DVC	1

Supporting Individual Tasks

Step ID	Task ID	Status	Task Title
	071-024-0001	Approved	Load the 25mm High-Explosive Incendiary Tracer (HEI-T) Ammunition Can on a Bradley Fighting Vehicle (BFV)
	071-024-0002	Approved	Load the 25-mm Armor-Piercing Discarding Sabot Tracer (APDS-T) Ammunition Can on a Bradley Fighting Vehicle (BFV)
	071-024-0017	Approved	Perform the Duties of a Gunner on a Bradley Fighting Vehicle (BFV)
	071-314-0012	Approved	Fire the 25-mm Gun on a Bradley Fighting Vehicle (BFV)
	091-91M-1032	Approved	Maintain the 25MM Gun System on the M2/M3 BFV

Prerequisite Individual Tasks

Step ID	Task ID	Status	Task Title
No prerequisite individual tasks specified			

Supporting Collective Tasks

Step ID	Task ID	Status	Title
	17-5-5424	Approved	Engage Targets with the 25mm Gun on a Bradley Fighting Vehicle

Prerequisite Collective Tasks

Step ID	Task ID	Status	Title
No prerequisite collective tasks specified			

Supporting Drill Tasks

Step ID	Drill ID	Status	Drill Title
	07-5-D9439	Approved	Engage Targets with the BFV 25-mm Automatic Gun

OPFOR

Task Number	Title	Status
71-0-0014	Disruption	Approved

REFERENCES

Step Number	Reference ID	Reference Name	Required	Primary
	ATTP 3-21.71	Mechanized Infantry Platoon and Squad	Yes	Yes

Training Setup

a. Resources.

(1) Bradley Fighting Vehicle with BII and assigned crew.

(2) 90 rounds of 25-mm dummy ammunition.

b. Training Site. Training site should be an open and level area with enough room to park the BFV.

Training Facilities

Facility ID	Facility Name	Facility Type
No Training Facilities		

DODIC

DODIC	Name	Qty
No DODIC		

Associated Documents

Media ID	Media Type	Title	Subtitle
No Associated Documents			

GLOSSARY TERMS

Glossary Term	Definition
No glossary terms specified	

ACRONYMS AND ABBREVIATIONS

Acronym/Abbreviation	Definition
No acronyms/abbreviations specified	